

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	2	LIPAP	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:41		0	
2	BRS	L2	2	human adj lipid-associated adj protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:43		0	
3	BRS	L3	251	SREBP	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:43		0	
4	BRS	L4	1	1 same (2 or 3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:44		0	
5	BRS	L5	0	(polynucleotide or cell) same (1 or 2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:45		0	
6	BRS	L6	30	tang adj tom.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:46		0	
7	BRS	L7	516	hillman adj jennifer.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:46		0	
8	BRS	L8	213	yue adj henry.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:46		0	

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
9	BRS	L10	52	azimzai adj yalda.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:49		0	
10	BRS	L11	185	baughn adj mariah.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:47		0	
11	BRS	L12	23	tran adj bao.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:48		0	
12	BRS	L13	768	6 or 7 or 8 or 10 or 11 or 12	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:48		0	
13	BRS	L14	0	13 and (1 or 2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:49		0	
14	BRS	L15	143	azimzai adj y.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:49		0	
15	BRS	L16	1	15 and (1 or 2)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/22 09:49		0	

FILE 'MEDLINE' ENTERED AT 15:46:59 ON 22 JAN 2004  
FILE 'CAPLUS' ENTERED AT 15:46:59 ON 22 JAN 2004  
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FILE 'AGRICOLA' ENTERED AT 15:46:59 ON 22 JAN 2004

> s lipap  
1 8 LIPAP  
> s human lipid-associated protein  
4 FILES SEARCHED...  
2 6 HUMAN LIPID-ASSOCIATED PROTEIN  
> s l1 or l2  
3 13 L1 OR L2  
> duplicate remove l3  
DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L3  
4 8 DUPLICATE REMOVE L3 (5 DUPLICATES REMOVED)

> d l4 1-8 ibib abs  
4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:796876 CAPLUS  
DOCUMENT NUMBER: 139:287375  
TITLE: Protein and cDNA sequences of 19 \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*associated\*\*\* \*\*\*protein\*\*\*  
sequence homologs and their diagnostic and therapeutic  
use  
INVENTOR(S): Emerling, Brooke M.; Marquis, Joseph P.; Chawla,  
Narinder K.; Lee, Soo Y.; Duggan, Brendan M.; Warren,  
Bridget A.; Baughn, Mariah R.; Lee, Ernestine A.;  
Griffin, Jennifer A.; Kable, Amy E.; Elliott, Vicki  
S.; Chang, Hsin-Ru; Lee, Sally; Ramkumar, Jayalaxmi;  
Bulloch, Sean A.; Hafalia, April J. A.; Khare, Reena;  
Jiang, Xin; Jackson, Alan A.  
PATENT ASSIGNEE(S): Incyte Corporation, USA; et al.  
SOURCE: PCT Int. Appl., 238 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 71  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003083081	A2	20031009	WO 2003-US9755	20030327
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-368722P P 20020329 US 2002-377576P P 20020503	

US 2002-414269P P 20020927  
B The invention provides protein and cDNA sequences of 19 \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*assocd\*\*\* . \*\*\*protein\*\*\* sequence homologs,  
designated as "LIPAM". The invention also provides expression vector,  
host cells, antibodies, agonists, and antagonists. The invention also  
provides methods for diagnosing, treating, or preventing disorders assocd.  
with aberrant expression of LIPAM.

4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

CESSION NUMBER: 2003:242462 CAPLUS

OCUMENT NUMBER: 138:266946

ITLE: Protein and cDNA sequences of 17 \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*associated\*\*\* \*\*\*protein\*\*\*  
sequence homologs and their diagnostic and therapeutic  
uses thereof

INVENTOR(S): Warren, Bridget A.; Emerling, Brooke M.; Lee,  
Ernestine A.; Chang, Hsin-Ru; Forsythe, Ian J.;  
Griffin, Jennifer A.; Baughn, Mariah R.; Chawla,  
Narinder K.; Khare, Reena; Reddy, Roopa; Lee, Sally;  
Bulloch, Sean A.; Lee, Soo Yeun; Tran, Uyen K.;  
Elliott, Vicki S.; Tang, Y. Tom; Bhatia, Umesh;  
Burrill, John D.; Blake, Julie J.; Ho, Anne; Zheng,  
Wenjin

ATENT ASSIGNEE(S): Incyte Genomics, Inc., USA

OURCE: PCT Int. Appl., 225 pp.

CODEN: PIXXD2

OCUMENT TYPE: Patent

ANGUAGE: English

AMILY ACC. NUM. COUNT: 71

ATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003025150	A2	20030327	WO 2002-US29980	20020919

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,  
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,  
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2001-324039P	P	20010921
US 2001-346197P	P	20011026
US 2001-343876P	P	20011102
US 2001-334211P	P	20011130
US 2001-340223P	P	20011214
US 2001-342166P	P	20011218
US 2002-351262P	P	20020122
US 2002-377576P	P	20020503

B The invention provides protein and cDNA sequences of 17 \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*assocd\*\*\* . \*\*\*protein\*\*\* sequence homologs,  
designated as "LIPAM". The invention also provides expression vector,  
host cells, antibodies, agonists, and antagonists. The invention also  
provides methods for diagnosing, treating, or preventing disorders assocd.  
with aberrant expression of LIPAM.

4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

CESSION NUMBER: 2002:906446 CAPLUS

OCUMENT NUMBER: 138:1124

ITLE: Protein and cDNA sequences of 10 novel \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*associated\*\*\* \*\*\*protein\*\*\*  
sequence homologs and their diagnostic and therapeutic  
uses thereof

INVENTOR(S): Tang, Y. Tom; Yue, Henry; Azimzai, Yalda; Baughn,  
Mariah R.; Burford, Neil; Reddy, Roopa; Walia,  
Narinder K.; Das, Debopriya; Nguyen, Danniell B.; Yao,  
Monique G.; Arvizu, Chandra S.; Lu, Yan; Gandhi,  
Ameena R.; Griffin, Jennifer A.; Elliott, Vicki S.;  
Ramkumar, Jayalaxmi; Lal, Preeti G.; Lu, Dyung Aina  
M.; Lee, Ernestine A.; Lee, Soo Yeun; Yue, Huibin;  
Yang, Junming; Tribouley, Catherine M.; Kable, Amy E.;  
Swarnakar, Anita

ATENT ASSIGNEE(S): Incyte Genomics, Inc., USA

DOCUMENT TYPE: CODEN: PIXXD2  
LANGUAGE: Patent  
FAMILY ACC. NUM. COUNT: English 71  
PRIORITY INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002094988	A2	20021128	WO 2002-US15688	20020517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.:  
US 2001-292242P P 20010518  
US 2001-293726P P 20010525  
US 2001-295346P P 20010601  
US 2001-303404P P 20010706  
US 2001-314754P P 20010824  
US 2002-351262P P 20020122  
US 2002-368799P P 20020329

B The invention provides \*\*\*human\*\*\* \*\*\*lipid\*\*\* - \*\*\*assocd\*\*\*  
\*\*\*protein\*\*\* (LIPAM) and polynucleotides which identify and encode LIPAM. The invention also provides expression vector, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders assocd. with aberrant expression of LIPAM.

4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN

SEQUENCE NUMBER: 2002:449877 CAPLUS

SEQUENCE NUMBER: 137:29076

TITLE: Protein and cDNA sequences of \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*associated\*\*\* \*\*\*protein\*\*\*

INVENTOR(S): LIPAM and their uses in diagnosis and therapy  
Griffin, Jennifer A.; Gandhi, Ameena R.; Ramkumar, Jayalaxmi; Tang, Y. Tom; Ding, Li; Yue, Henry; Gietzen, Kimberly J.; Sapperstein, Stephanie K.; Honchell, Cynthia D.; Bruns, Christopher M.; Duggan, Brendan M.; Xu, Yuming; Lee, Sally

ATTORNEY ASSIGNEE(S): Incyte Genomics, Inc., USA

SOURCE: PCT Int. Appl., 126 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PRIORITY INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002046418	A2	20020613	WO 2001-US47430	20011204
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

AU 2002036594 A5 20020618 AU 2002-36594 20011204  
PRIORITY APPLN. INFO.:  
US 2000-254505P P 20001208  
US 2000-256187P P 20001215  
US 2000-257908P P 20001222  
US 2001-264429P P 20010126  
WO 2001-US47430 W 20011204

B The invention provides protein and cDNA sequences for 7 novel  
\*\*\*human\*\*\* \*\*\*lipid\*\*\* - \*\*\*assocd\*\*\* \*\*\*protein\*\*\* LIPAM.  
The protein LIPAM of the invention were first identified as Incyte clones from human tissue cDNA libraries using a computer search for amino acid sequence alignments. Invention also relates to agonist, antagonist and modulator of protein LIPAM and uses in therapy. The invention also provides methods for diagnosing, treating, or preventing disorders assocd. with aberrant expression of LIPAM.

with aberrant expression of protein LIPAM. The invention also relates to microarray for detecting LIPAM and generating a transcript image of a sample. The invention further relates to methods for prepg. polyclonal antibody and monoclonal antibody.

4 ANSWER 5 OF 8 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2002:335842 SCISEARCH  
THE GENUINE ARTICLE: 540CR  
TITLE: Comparison of line probe assay and DNA sequencing of 5' untranslated region for genotyping hepatitis C virus: description of novel line probe patterns  
AUTHOR: Mitchell P S; Sloan L M; Majewski D W; Rys P N; Heimgartner P J; Rosenblatt J E; Cockerill F R; Smith T F; Patel R (Reprint)  
CORPORATE SOURCE: Mayo Clin, Div Clin Microbiol, Rochester, MN 55905 USA (Reprint); Mayo Clin, Div Infect Dis, Rochester, MN 55905 USA  
COUNTRY OF AUTHOR: USA  
SOURCE: DIAGNOSTIC MICROBIOLOGY AND INFECTIOUS DISEASE, (MAR 2002) Vol. 42, No. 3, pp. 175-179. Publisher: ELSEVIER SCIENCE INC, 655 AVENUE OF THE AMERICAS, NEW YORK, NY 10010 USA. ISSN: 0732-8893.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 8

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

B We compared a commercial line probe assay (INNO-LiPA(TM) HCV II, Innogenetics, N.V., Ghent, Belgium, distributed by Bayer Diagnostics) to an in-house 5' untranslated region direct DNA sequencing method for genotyping hepatitis C virus (HCV). Initial evaluation demonstrated that the INNO- \*\*\*LiPA\*\*\* (TM) HCV II assay and sequencing assay assigned the same genotype for 110/132 (83.3%) patient specimens (98 subtype and 12 genotype only identifications). Following the initial evaluation, the INNO-LiPA(TM) HCV II assay was used routinely to genotype HCV from patient specimens submitted to our laboratory for genotyping (n = 1,739). During this second part of the study, novel line probe patterns have been noted and interpreted using the in-house direct sequencing assay. Reactivity at bands 1, 2, 3, 4, 5 and 8 (n = 4) or 1, 2, 3, 4, 6 and 7 (n = 2) represented HCV genotype 1. Reactivity at bands 1, 2, 5 and 9 (n = 1) represented HCV genotype Reactivity at bands 1, 2, 5, 9 and 16 (n = 1) represented HCV genotype 4. Reactivity at bands 1, 2, 5, 9, 10, 11 (weak band) and 12 (n = 118) most likely represented HCV genotype 2b. This information should be of use to INNO-LiPA(TM) HCV II assay users. (C) 2002 Elsevier Science Inc. All rights reserved.

4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2001:351063 CAPLUS  
Correction of: 2001:265260  
DOCUMENT NUMBER: 134:365695  
Correction of: 134:309684  
TITLE: Inducing cellular immune responses to human immunodeficiency virus-1 using peptide and nucleic acid compositions  
INVENTOR(S): Sette, Alessandro; Sidney, John; Southwood, Scott; Livingston, Brian D.; Chesnut, Robert; Baker, Denise Marie; Celis, Esteban; Kubo, Ralph T.; Grey, Howard M.  
PATENT ASSIGNEE(S): Epimmune Inc., USA  
SOURCE: PCT Int. Appl., 448 pp. CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001024810 A1		20010412	WO 2000-US27766	20001005
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 1999-412863	19991005

recognized by T cells to identify and prep. human immunodeficiency virus (HIV) epitopes, and to develop epitope-based vaccines directed towards HIV. More specifically, this application communicates the discovery of pharmaceutical compns. and methods of use in the prevention and treatment of HIV infection.

4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2000:592743 CAPLUS  
DOCUMENT NUMBER: 133:173044  
TITLE: Protein and cDNA sequences encoding \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*assocd\*\*\* . \*\*\*proteins\*\*\* (\*\*\*LIPAPs\*\*\*), and uses thereof in diagnostic and therapeutic applications  
INVENTOR(S): Tang, Y. Tom; Hillman, Jennifer L.; Yue, Henry; Azimzai, Yalda; Baughn, Mariah R.; Tran, Bao  
PATENT ASSIGNEE(S): Incyte Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 93 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000049043	A2	20000824	WO 2000-US4160	20000218
WO 2000049043	A3	20010201		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1153035	A2	20011114	EP 2000-908718	20000218
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
JP 2002541772	T2	20021210	JP 2000-599780	20000218
PRIORITY APPLN. INFO.:			US 1999-120703P P	19990219
			US 1999-142762P P	19990708
			WO 2000-US4160 W	20000218

B The invention provides protein and cDNA sequences for 12 \*\*\*human\*\*\*  
\*\*\*lipid\*\*\* - \*\*\*assocd\*\*\* . \*\*\*proteins\*\*\* (\*\*\*LIPAPs\*\*\*).  
The \*\*\*LIPAPs\*\*\* of the invention were first identified as Incyte clones from human tissue cDNA libraries using a computer search for amino acid sequence alignments; consensus sequences were derived from overlapping and/or extended nucleic acid sequences. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention further provides methods for the diagnosis, prevention, and treatment of disorders assocd. with the expression of \*\*\*LIPAP\*\*\*.

4 ANSWER 8 OF 8 MEDLINE on STN DUPLICATE 1  
ACCESSION NUMBER: 97286510 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 9141657  
TITLE: Cloning and transcriptional analysis of the lipA (lipoic acid synthetase) gene from Rhizobium etli.  
AUTHOR: Tate R; Riccio A; Iaccarino M; Patriarca E J  
CORPORATE SOURCE: International Institute of Genetics and Biophysics, C.N.R., Naples, Italy.  
SOURCE: FEMS microbiology letters, (1997 Apr 15) 149 (2) 165-72.  
JOURNAL CODE: 7705721. ISSN: 0378-1097.  
COUNTRY: Netherlands  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-Y11708  
ENTRY MONTH: 199706  
ENTRY DATE: Entered STN: 19970612  
Last updated on STN: 19970612  
Entered Medline: 19970605

B We report here the isolation of a Rhizobium etli gene involved in lipoic acid metabolism, the lipA gene, which complements a lipA mutant strain of Escherichia coli. A promoter region ( \*\*\*lipAp\*\*\* ) was mapped

sites were identified, preceded by sequences showing some homology to the -10/-35 promoter consensus sequences. The activity of the \*\*\*lipAp\*\*\* was found not to be regulated either by the carbon source or by the addition of lipoic acid. Moreover, quantitative analysis of the lipA transcript by RNase protection assays indicated its down-regulation during entry into stationary phase.

> d his

(FILE 'HOME' ENTERED AT 15:46:40 ON 22 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 15:46:59 ON 22 JAN 2004

```
1      8 S LIPAP
2      6 S HUMAN LIPID-ASSOCIATED PROTEIN
3      13 S L1 OR L2
4      8 DUPLICATE REMOVE L3 (5 DUPLICATES REMOVED)
```

> s srebp

```
5      3026 SREBP
```

> s 14 (p) 15

```
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'L34 (P) L25'
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'L36 (P) L26'
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'L40 (P) L28'
6      0 L4 (P) L5
```

> s (polynucleotide or cell) (p) 14

```
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'CELL) (P) L47'
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'CELL) (P) L49'
5 FILES SEARCHED...
ROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
IELD CODE - 'AND' OPERATOR ASSUMED 'CELL) (P) L53'
7      5 (POLYNUCLEOTIDE OR CELL) (P) L4
```

> s tang t?/au

```
8      3105 TANG T?/AU
```

> s hillman j?/au

```
9      2028 HILLMAN J?/AU
```

> s yue h?/au

```
10     818 YUE H?/AU
```

> s azimzai y?/au

```
11     147 AZIMZAI Y?/AU
```

> s baughn m?/au

```
12     377 BAUGHN M?/AU
```

> s tran b?/au

```
13     823 TRAN B?/AU
```

> s l8 or l9 or l10 or l11 or l12 or l13

```
14     6673 L8 OR L9 OR L10 OR L11 OR L12 OR L13
```

> s l14 and l4

```
15     5 L14 AND L4
```

> s l15 not l4

```
16     0 L15 NOT L4
```

> d his

(FILE 'HOME' ENTERED AT 15:46:40 ON 22 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 15:46:59 ON 22 JAN 2004

```
1      8 S LIPAP
2      6 S HUMAN LIPID-ASSOCIATED PROTEIN
3      13 S L1 OR L2
```



4 8 DUPLICATE REMOVE L3 (5 DUPLICATES REMOVED)  
 5 3026 S SREBP  
 6 0 S L4 (P) L5  
 7 5 S (POLUNUCLEOTIDE OR CELL) (P) L4  
 8 3105 S TANG T?/AU  
 9 2028 S HILLMAN J?/AU  
 10 818 S YUE H?/AU  
 11 147 S AZIMZAI Y?/AU  
 12 377 S BAUGHN M?/AU  
 13 823 S TRAN B?/AU  
 14 6673 S L8 OR L9 OR L10 OR L11 OR L12 OR L13  
 15 5 S L14 AND L4  
 16 0 S L15 NOT L4

> log y

OST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
ULL ESTIMATED COST	53.48	53.69
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
A SUBSCRIBER PRICE	-4.16	-4.16

TN INTERNATIONAL LOGOFF AT 15:51:50 ON 22 JAN 2004